

**COLORADO RIVER RECOVERY PROGRAM
FY-2001 PROPOSED SCOPE OF WORK**

No.: CAP-29
(for MC Use)

Lead Agency:	U.S. Bureau of Reclamation	<u>Category (check</u>	<u>Expected</u>
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I. Title of Program

Screening of the Grand Valley Irrigation Company canal intake

II. Relationship to RIPRAP

Colorado River Action Plan: Mainstem II.B.I.b.

III. Study Goals, Objectives, End Product

The Recovery Program constructed a fish ladder at the GVIC Diversion Dam near Palisade, Colorado in 1998. Listed and other native fishes have been documented traversing this reach of river and are often found upstream of the diversion structure. Since this diversion structure commonly diverts 640 cfs for most of the irrigation season, it is reasonable to assume that entrainment of endangered fish could occur. Based upon the potential to entrain fish and the research at the Tusher Wash Diversion Dam on the Green River in Utah, screening the GVIC Diversion to protect entrainment is prudent.

Project Goals are to design and construct a fish screen for the GVIC diversion that will exclude, without harm, adult fish approximately 300 mm in length while allowing unimpeded diversion of the GVIC's decreed water.

IV. Study Area

Colorado River in the vicinity of the Grand Valley Irrigation Company diversion dam

V. Task description

1. Work with the irrigation company staff and board.
2. Preliminary study to identify alternatives and define design criteria.
3. NEPA and permitting.
4. Develop an operation and maintenance agreement for the long-term operation and maintenance of the screen.
5. Prepare plans and specifications for recommended screening option.
6. Construction of screen.

7. Operate screen.

VI. Study Schedule and Budget

Task	2000	2001	2002	Total
Task 1	20,000			20,000
Task 2	15,000			15,000
Task 3	5,000			5,000
Task 4		25,000		25,000
Task 5	160,000	75,000		235,000
Task 6		1,800,000		1,800,000
Task 7				0
Total	200,000	1,900,000	0	2,100,000